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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/005,023	12/04/2001	Jon R. Stieber	180009.91206A	8248

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EXAMINER

YUN, EUGENE

ART UNIT	PAPER NUMBER
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2682

DATE MAILED: 04/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/005,023

Applicant(s)

STIEBER ET AL.

Examiner

Eugene Yun

Art Unit

2682

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 5.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Graves (WO 99/23601) in view of Haartzen (XP-000783249).

Referring to Claim 1, Graves teaches a networked cash management system, characterized by:

At least one cash handling device for performing at least one of the operations of coin sorting, coin dispensing, note counting, note dispensing, note sorting and cash redemption (see pg. 3, lines 17-28);

A control unit for performing with respect to the cash handling device at least one of the operations of accounting for cash dispensing, providing for cash settlement, monitoring maintenance information and providing commands for operation of the cash handling device (see pg. 3, lines 17-28).

Graves does not teach said cash handling device and said control unit communicate through a wireless communication network operating according to a standard for locally distributed wireless networks. Haartzen teaches said cash handling device and said control unit communicate through a wireless communication network operating

according to a standard for locally distributed wireless networks (see User scenarios on pg. 112). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teachings of Haartzen to said device of Graves in order to increase the mobility of money management machines.

Referring to Claim 13, Graves teaches a networked cash management system characterized by a cash handling device (fig. 4).

Graves does not teach a control including a radio frequency transceiver and antenna and the cash handling device including a radio frequency transceiver and antenna for communicating cash handling data and status data to the control unit. Haartzen teaches a control including a radio frequency transceiver and antenna and the cash handling device including a radio frequency transceiver and antenna for communicating cash handling data and status data to the control unit (see User scenarios on pg. 112).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teachings of Haartzen to said device of Graves in order to increase the mobility of money management machines.

Referring to Claims 2, 16 and 19, Graves also teaches a coin handling device for performing at least one of the operations of coin sorting and totalizing, coin dispensing and cash redemption (see fig. 4).

Referring to Claim 3, Graves teaches a currency handling device for performing at least one of the operations of note sorting and totalizing, note dispensing and cash redemption (see pg. 3, lines 17-28).

Graves does not teach communication through a wireless communication network.

Haartzen teaches communication through a wireless communication network (see User scenarios on pg. 112). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teachings of Haartzen to said device of Graves in order to increase the mobility of money management machines.

Referring to Claim 4, Graves also teaches the cash handling device as a currency handling device for performing at least one of the operations of note sorting and totalizing, note dispensing and cash redemption (see fig. 4).

Referring to Claim 5 and 18, Haartzen also teaches at least one I/O device selected from a group consisting of: a printer, a scanner, a visual display, a keyboard, a cell phone, a pager, a personal digital assistant and a personal computer (fig. 1).

Referring to Claim 6, Haartzen also teaches the control unit electrically connected to a second network selected from a group consisting of: the Internet, an intranet, a LAN and a WAN (see User scenarios on pg. 112).

Referring to Claim 7, Haartzen also teaches the second network utilizing at least one of a telephone dial-up modem, a digital satellite link modem and a broadband cable modem (see User scenarios on pg. 112).

Referring to Claim 8, Haartzen also teaches operation according to the Bluetooth specification (see pg. 112).

Referring to Claim 9, Haartzen also teaches operation according to the RS-232 protocol (see pg. 112).

Referring to Claim 10, Haartzen also teaches operation in a frequency hopping, spread spectrum range of frequencies in a range from 2.4 GHz to 2.56 GHz (see pg.

Art Unit: 2682

112).

Referring to Claim 12, Haartzen also teaches operation in a piconet distinguished from other networks by a selected frequency hopping sequence (see pg. 112).

Referring to Claim 14, Haartzen also teaches a Bluetooth radio (see pg. 112).

Referring to Claims 11 and 15, Haartzen also teaches operation in the infrared frequency range according to the IrDA standard (see pg. 110).

Referring to Claim 17, Graves also teaches the control unit comprising a computer 72 (fig. 4).


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Yun whose telephone number is (703) 305-2689. The examiner can normally be reached on 8:30am-5:30pm Alt. Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on (703) 308-6739. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 10/005,023
Art Unit: 2682

Page 6


Eugene Yun
Examiner
Art Unit 2682

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SUPERVISORY PATENT EXAMINER
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4/5/04